| In | dex of | Claims | |
|----|--------|--------|--|
| | | | |

| Application No. | Applicant(s) |
|-----------------|--------------------|
| 09/589,966 | DEMLER, MICHAEL J. |
| Examiner | Art Unit |

| √ | Rejected |
|----|----------|
| II | Allowed |

| _ | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

| N | Non-Elected |
|---|--------------|
| ı | Interference |

Thai Q. Phan

| A | Appeal |
|---|----------|
| 0 | Objected |

2128

| | | | L | | | | J | | L | |
|--------------------------------|--|---------|-----|----------|--|--|--|--|----------|-----------------|
| | | _ | | | | <u></u> | | | | |
| L Cla | aim | ļ | _ | | T | Dat | e | T | | |
| Final | Original | 6/26/04 | | | | | | | | |
| 1 | 1 | = | | \vdash | | | | | | <u> </u> |
| 2 | 2 | = | | T | <u> </u> | | T | | t | T |
| 2 | 3 | Ξ | | Ι_ | 1 | | | | | |
| 6 | 4 | = | | T | | 1 | | | | |
| 7 | 1 2 3 4 5 | = | | | | | <u> </u> | 1 | | T |
| 7 8 | 6 | = | | T | | | | | ┢ | \vdash |
| 9 | 6 7 | = | | T | Ι | 1 | 1 | | | T |
| 10 | | = | | | | | | | <u> </u> | 1 |
| 10 11 12 | 8 | = | | \vdash | ┢ | <u> </u> | | | t | |
| 12 | 10 | = | | | Ì | | İ | T | T | |
| | 11 | - | | | T | Г | | Г | | |
| 13 | 12 | = | | Ī | T | | Г | T - | | |
| 14 | 13 | = | | | | | 1 | | | |
| 15 | 14 | = | | 1 | | | | | T | |
| 3 | 15 | = | | | <u> </u> | | | \vdash | | |
| 14 15 3 5 16 17 | 11 12 13 14 15 16 17 18 19 20 | = | Ī | | | | | 1 | T- | 1 |
| 16 | 17 | = | | | | | | | | Π |
| 17 | 18 | = | | | İ | | | | | |
| 18 19 | 19 | = | | | T | | 1 | | | |
| 19 | 20 | = | | | | | | | 1 | |
| 20 | 21 | = | | Г | Γ | | | | | |
| 21 | 22 | = | | | | | | | Г | |
| 22 | 23 | = | | | | | | | | |
| 23 | 24 | = | | | | | | | | |
| | 22 23 24 25 | | | | | | | | | |
| | 26 27 28 29 | | | L | | | | | | |
| | 27 | | | | | | | | | |
| | _28 | | | | | | | | | |
| | 29 | | | | | | | | | |
| | 30 | | | | | | | | | |
| | 31 | | | | | | | | | |
| | 32 | | | L | | L | | | | |
| | 33 | | | | | | | | <u> </u> | |
| | 34 | | L | L_ | | <u>_</u> | | | | Ш |
| | 35 | | | L | | <u> </u> | _ | $ldsymbol{ld}}}}}}$ | <u> </u> | |
| | 36 | | | | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$ | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$ | $oxed{oxed}$ | | Ш |
| L | 37 | | | | | | <u> </u> | <u> </u> | _ | Ш |
| | 38 | | | | <u> </u> | | | <u> </u> | <u> </u> | Ш |
| | 39 | | | | <u> </u> | _ | _ | <u> </u> | L | Ш |
| | 40 | | | L | <u> </u> | | <u> </u> | L | | Щ |
| | 41 | | l i | L | <u> </u> | _ | | | | \perp |
| <u> </u> | 42 | | | <u> </u> | <u> </u> | <u> </u> | | Ш | _ | Щ |
| _ | 43 | _ | | _ | <u> </u> | <u> </u> | | | | - |
| <u> </u> | 44 | | | _ | <u> </u> | L., | <u> </u> | | | Щ |
| | 45 | | | <u> </u> | ! | | <u> </u> | | | Щ |
| | 46 | | _ | <u> </u> | | | <u> </u> | | Н | Ш |
| | 47 | | | | Ш | | | <u> </u> | <u> </u> | $\vdash \vdash$ |
| | 48 | | | ļ., | <u> </u> | _ | | <u> </u> | <u> </u> | |
| $\vdash \dashv$ | 49 50 | _ | | _ | | | | | <u> </u> | \vdash |
| , 1 | 201 | | | | | | | | | . 1 |

| Cla | aim | | | | - | Dat | e | | | |
|------------------|----------|----------|-----------|--|--------------|----------|---|----------|-----------|--|
| | 1 | | | | | | | | | ľ |
| - - | Original | | | | | | | | | |
| Final | ġ | | | | | | | | | |
| - | Ō | | | | | | İ | | | |
| - | 51 | - | ┼ | - | - | | Ͱ | ⊢ | 1 | ├ |
| | | | - | ├ | | | ⊢ | - | ⊢ | ┢ |
| - | 52 | _ | ┝ | ├- | - | <u> </u> | <u> </u> | <u> </u> | <u> </u> | ┡ |
| | 53 | | <u> </u> | _ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | |
| | 54 | | <u> </u> | _ | <u> </u> | L., | | ļ | _ | <u> </u> |
| <u> </u> | 55 | | ļ | ļ | _ | | | | | _ |
| <u> </u> | 56 | | | | <u> </u> | _ | ļ | <u> </u> | | <u> </u> |
| | 57 | | L | L. | <u> </u> | L. | | | | |
| | 58 | | | | L | _ | L. | L | | |
| | 59 | | | | | | | | | |
| | 60 | | | | | | | | | |
| | 61 | | | | Ī | | | | | |
| | 62 | | П | | | | | | Г | |
| | 63 | | Γ | | Π | | | | Γ- | Γ |
| | 64 | | 1 | | | | | \vdash | T- | T |
| | 65 | | \vdash | \vdash | | | | | \vdash | |
| | 66 | <u> </u> | | | t | \vdash | | \vdash | t^- | \vdash |
| | 67 | \vdash | | \vdash | | \vdash | \vdash | \vdash | \vdash | \vdash |
| | 68 | ├ | | ├ | ├ | | \vdash | \vdash | | \vdash |
| | 69 | \vdash | \vdash | \vdash | <u> </u> | - | - | \vdash | | |
| - | 70 | \vdash | | \vdash | ├ | | | H | | |
| | 70 | - | | | | | _ | ⊢ | _ | - |
| | 71 | | _ | | <u> </u> | _ | | _ | | |
| <u> </u> | 72 | | <u> </u> | | | <u> </u> | _ | <u> </u> | <u> </u> | |
| | 73 | | | | | _ | L | <u> </u> | L | |
| | 74 | <u> </u> | | | | <u> </u> | _ | | | |
| | 75 | | | ļ., | ļ | L | <u> </u> | | | |
| | 76 | | | _ | _ | _ | _ | | <u> </u> | |
| | 77 | | | | _ | | $ldsymbol{ld}}}}}}$ | | _ | |
| | 78 | | | | <u>L</u> . | | _ | | | |
| | 79 | | | L | | | | | | |
| | 80 | | | | | | | | | |
| | 81 | | | | | | | | | |
| | 82 | | | | | | | | | |
| | 83 | | | | | | | | | |
| | 84 | | | | | | | | | |
| | 85 | | | Γ. | | | | | | |
| | 86 | | | | | | | | | |
| | 87 | | | | | | | | | |
| | 88 | | | | | | | - | | \vdash |
| | 89 | | | \vdash | | | | | | |
| \vdash | 90 | | | \vdash | \vdash | | | | | |
| | 91 | | \vdash | \vdash | | | | | | |
| | 92 | | | <u> </u> | | | | | | \dashv |
| \vdash | 93 | | <u> </u> | \vdash | H | | | \vdash | | |
| + | 94 | | - | - | \vdash | | | | | |
| | 95 | _ | - | | \vdash | | | H | | |
| \vdash | 96 | | _ | _ | \vdash | | | \vdash | | |
| | | | <u> </u> | <u> </u> | \vdash | _ | | Ш | \square | Ш |
| \vdash | 97 | | <u> </u> | <u> </u> | Щ | | | Н | | |
| \vdash | 98 | | | <u> </u> | \vdash | | | | | |
| | 99 | | | L | Щ | | | | | |
| | 100 | | | | | | , | | | |

| | | Date | | | | | | | | |
|-------|---------------------------------|------|----------|----------|----------|----------|----------|---|----------|----------|
| Cli | aim | | _ | _ | | Dat | <u>e</u> | _ | r— | _ |
| Final | Original | | | | | | | | | |
| | 101 | | | | | | | | | |
| | 102 103 | | Г | | | | | | | |
| | 103 | | | | | | Г | | 厂 | |
| | 104 | | | | | | | | | 1 |
| | 104 105 | | | | | | | | | |
| | 106 | | | T | | | | | <u> </u> | |
| | 107 | | | | | | | _ | | |
| | 108 | | | | | T . | | | | |
| | 109 | | | | | | | | | |
| | 110 | | | | | | | | | |
| | 111 | | | | | | | | | |
| | 112 | | | L | \Box | L | 匚 | | | |
| | 113 | | L | L | L | L | | L | | |
| | 114 | | 匚 | L | | | | | | |
| | 115 | | | 匚 | <u> </u> | L. | | | | |
| | 116 | | | | L | | | _ | | Ш |
| | 117 | | | <u> </u> | | | | | | Ш |
| | 118 | | | L | <u> </u> | | | | | |
| | 119 | | _ | | | | L | L | | |
| | 120 | | L | | <u> </u> | | | | | Ш |
| | 121 122 | | | | <u> </u> | | | | _ | |
| | 122 | | | <u> </u> | | | | | | |
| | 123 124 | | | | | | | | <u> </u> | Ш |
| | 124 | | | | <u> </u> | | | _ | <u> </u> | |
| | 125 | | | | _ | | L | | | |
| | 126 | | | | <u> </u> | | <u> </u> | ļ | | |
| | 126 127 128 129 130 | | | | | | L | | | |
| | 128 | | | | | ļ | <u> </u> | | <u> </u> | Щ |
| | 129 | | <u> </u> | _ | | <u> </u> | L-, | | | Ш |
| | 130 | | | _ | | _ | | ļ | _ | |
| | 131 | | | | | <u> </u> | | _ | | Н |
| | 132 | | _ | | | ļ., | | | | Щ |
| | 133 | | | | _ | - | | | | Н |
| | 134 135 | | | | | _ | | | | \vdash |
| | 136 | | | | | | | _ | - | \vdash |
| | 130 | | | | | | | | _ | \dashv |
| | 137 138 | | _ | - | | | _ | | | |
| | 139 | - | | - | | | _ | _ | _ | |
| - | 140 | | - | | | _ | | | | |
| | 141 | | | | | _ | | | | - |
| | 142 | | | | | | - | | _ | - |
| | 143 | | | | - | | \vdash | - | | \vdash |
| | 144 | | | | | \vdash | | - | - | \vdash |
| | 145 | | | | | | Н | - | _ | \dashv |
| | 146 | | | | | | | | _ | \dashv |
| | 147 | | | | | | \vdash | | | [|
| | 148 | | | - | | | Н | | | |
| | 149 | - | \vdash | | | | \vdash | | | \vdash |
| | 150 | - | \vdash | | | | \vdash | | _ | |
| 1 | 100 | | | | | نب | لـــا | | | |